FIG. 1

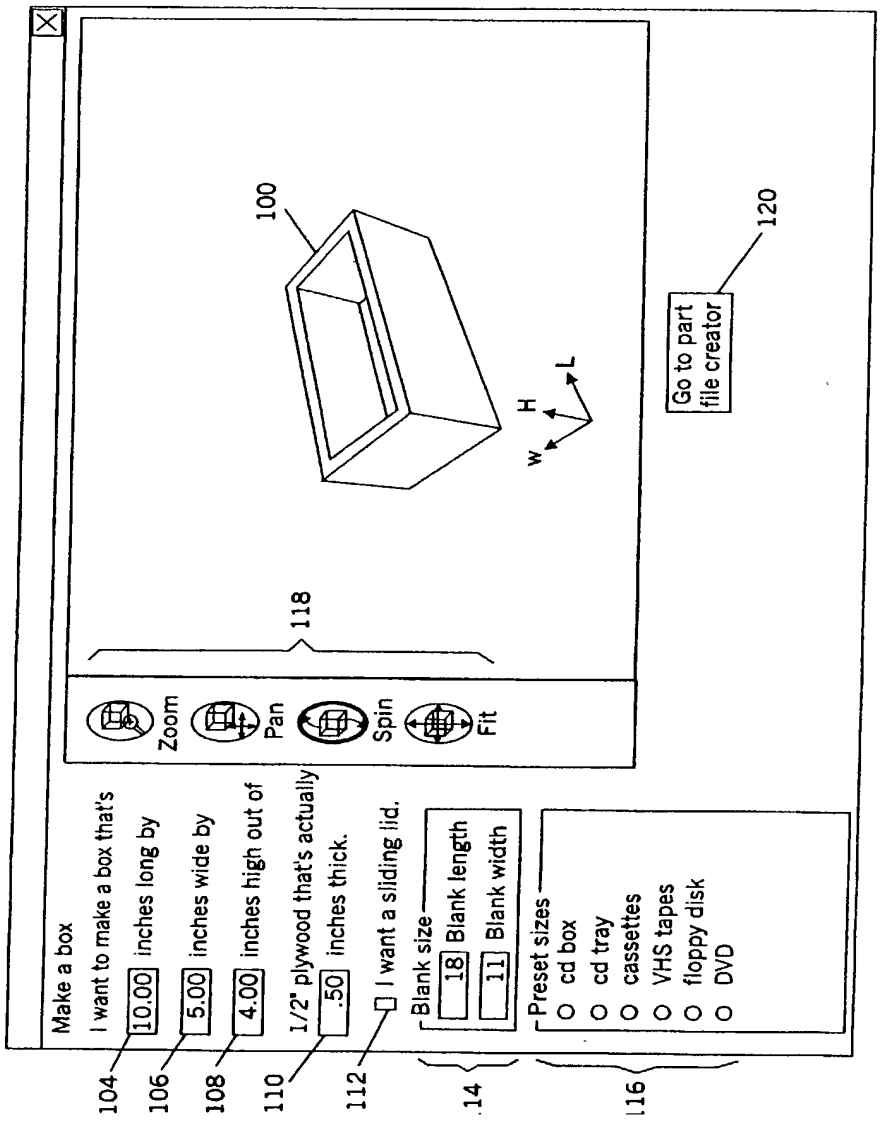

Make a box
I want to make a box that's
10.00 inches long by
5.00 inches wide by
4.00 inches high out of
1/2" plywood that's actually
.50 inches thick.
I want a sliding lid.
Blank size
18 Blank length
11 Blank width
Preset sizes
cd box
cd tray
cassettes
VHS tapes
floppy disk
DVD
Zoom
Pan
Spin
Fit
100
118
120
Go to part file creator
H
L
W
104
106
108
110
112
114
116

FIG. 2

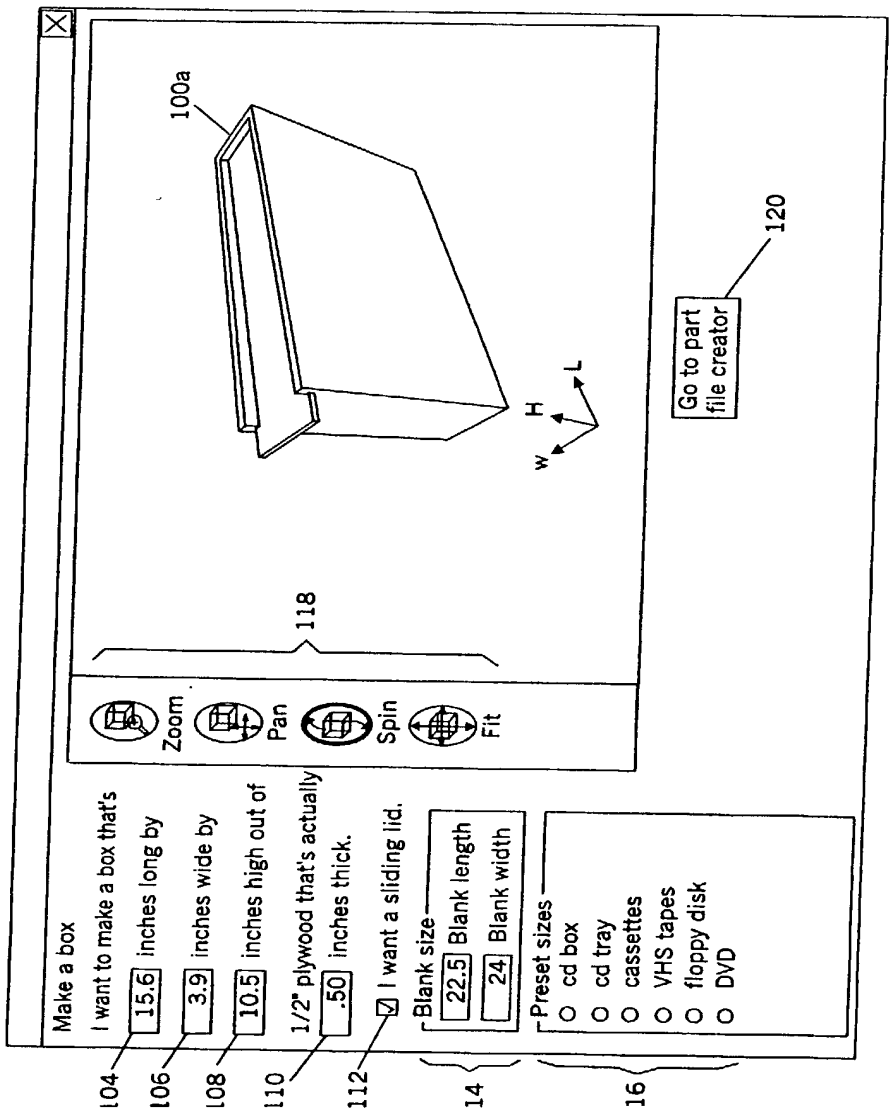

100a
118
120
Go to part file creator
Zoom
Pan
Spin
Fit
H
L
W
Make a box
I want to make a box that's
15.6
inches long by
3.9
inches wide by
10.5
inches high out of
1/2" plywood that's actually
.50
inches thick.
I want a sliding lid.
Blank size
22.5
Blank length
24
Blank width
Preset sizes
cd box
cd tray
cassettes
VHS tapes
floppy disk
DVD
104
106
108
110
112
14
16

FIG. 3

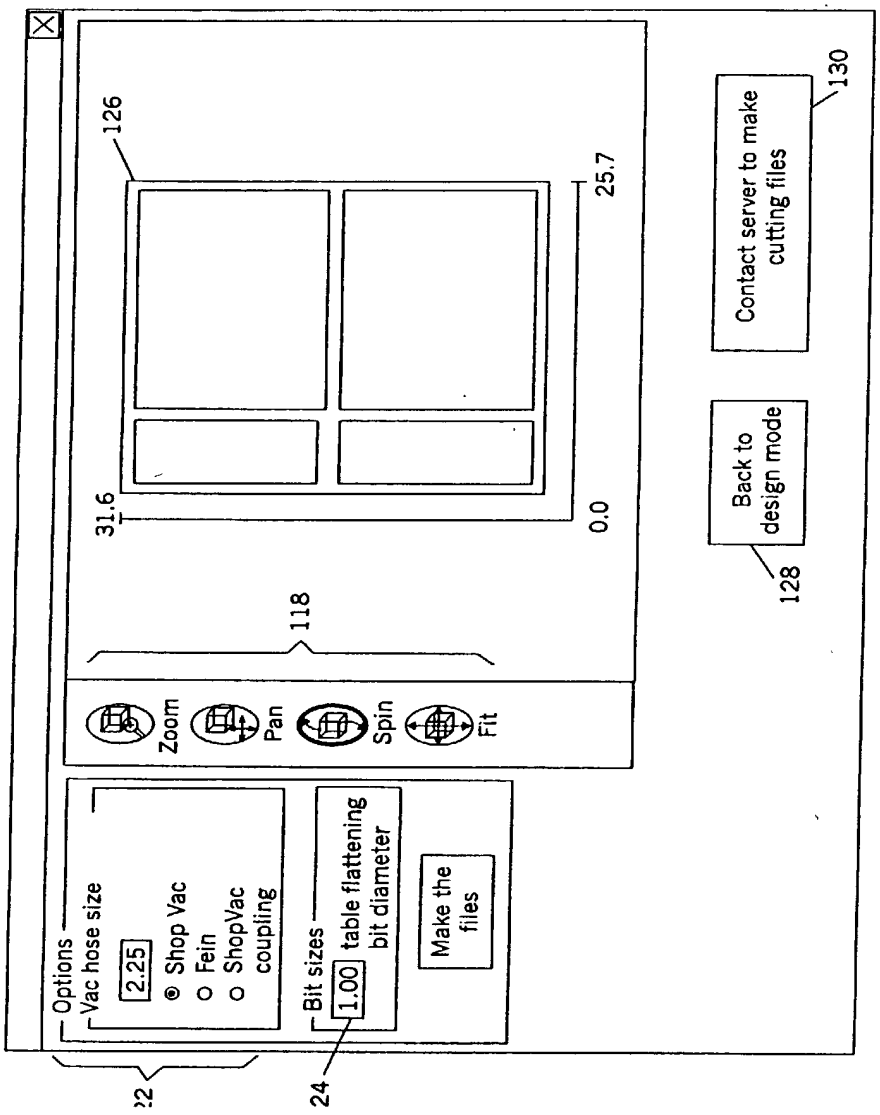

126
25.7
31.6
0.0
118
Zoom
Pan
Spin
Fit
Options
Vac hose size
2.25
Shop Vac
Fein
ShopVac coupling
Bit sizes
1.00
table flattening bit diameter
Make the files
Contact server to make cutting files
130
Back to design mode
128
22
24

FIG. 4

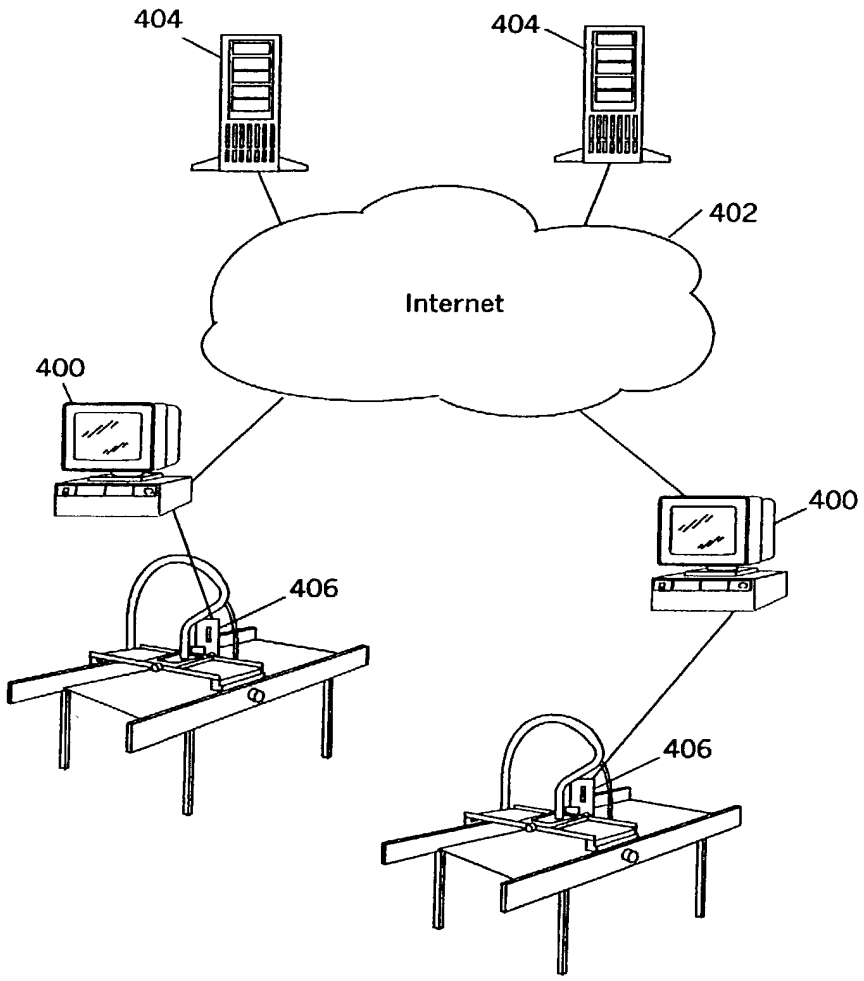


FIG. 5

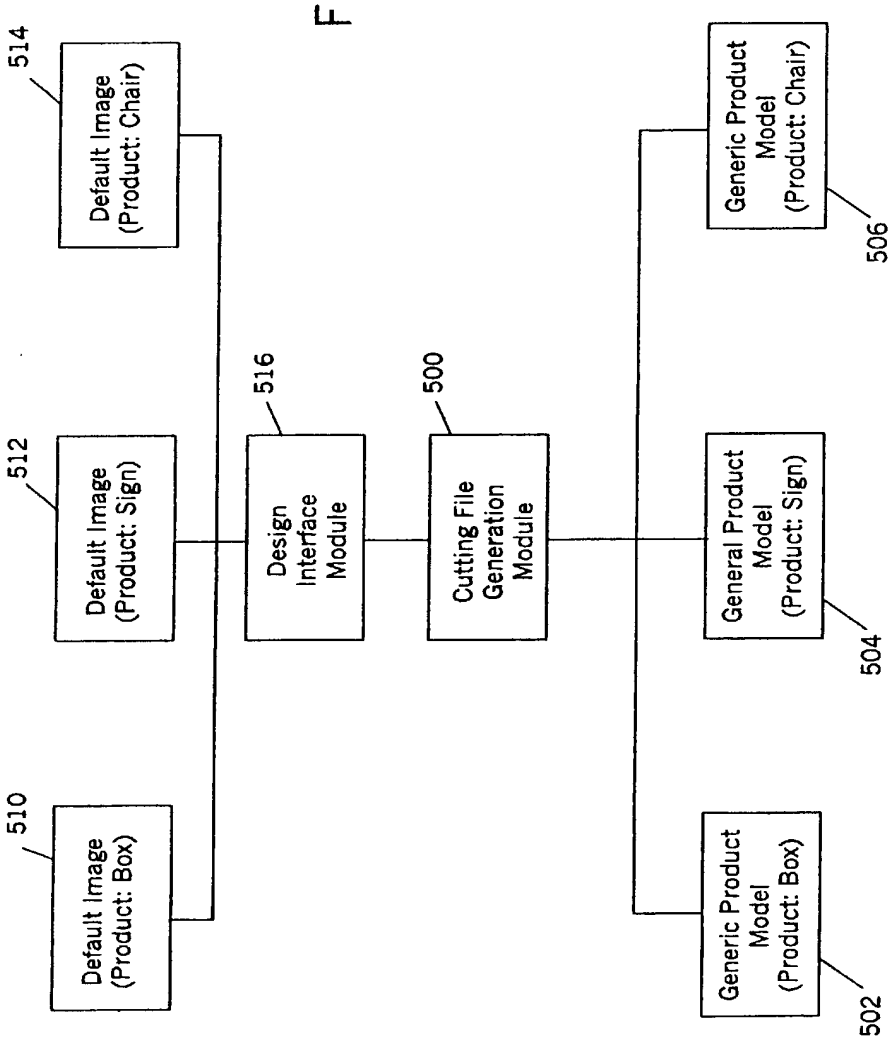
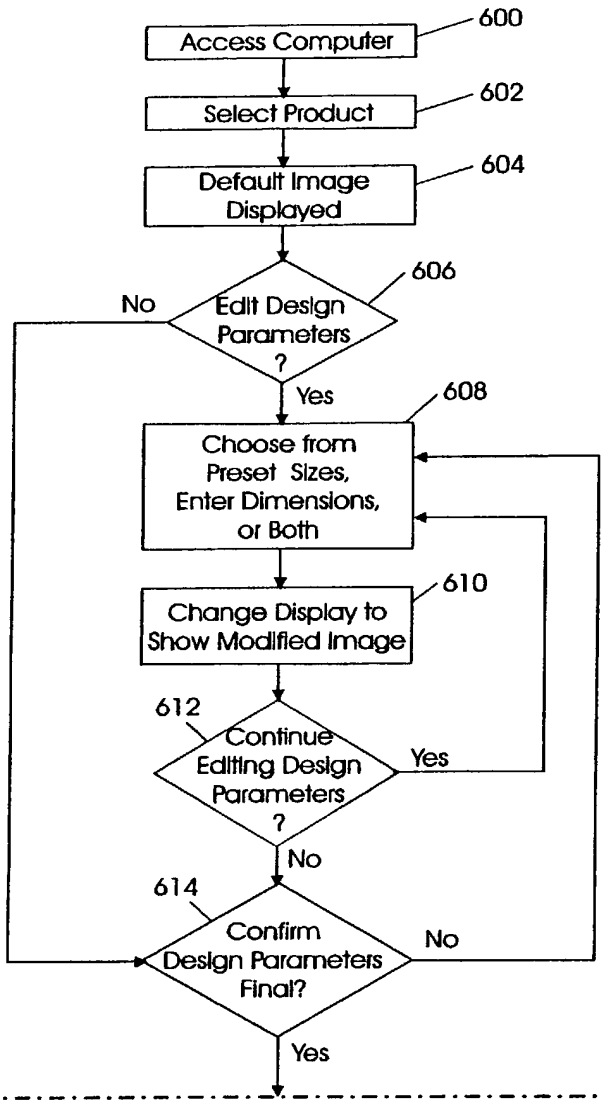

514
Default Image (Product: Chair)
512
Default Image (Product: Sign)
510
Default Image (Product: Box)
516
Design Interface Module
500
Cutting File Generation Module
Generic Product Model (Product: Chair)
506
General Product Model (Product: Sign)
504
Generic Product Model (Product: Box)
502

FIG. 6A
FIG. 6B

FIG. 6

FIG. 6A



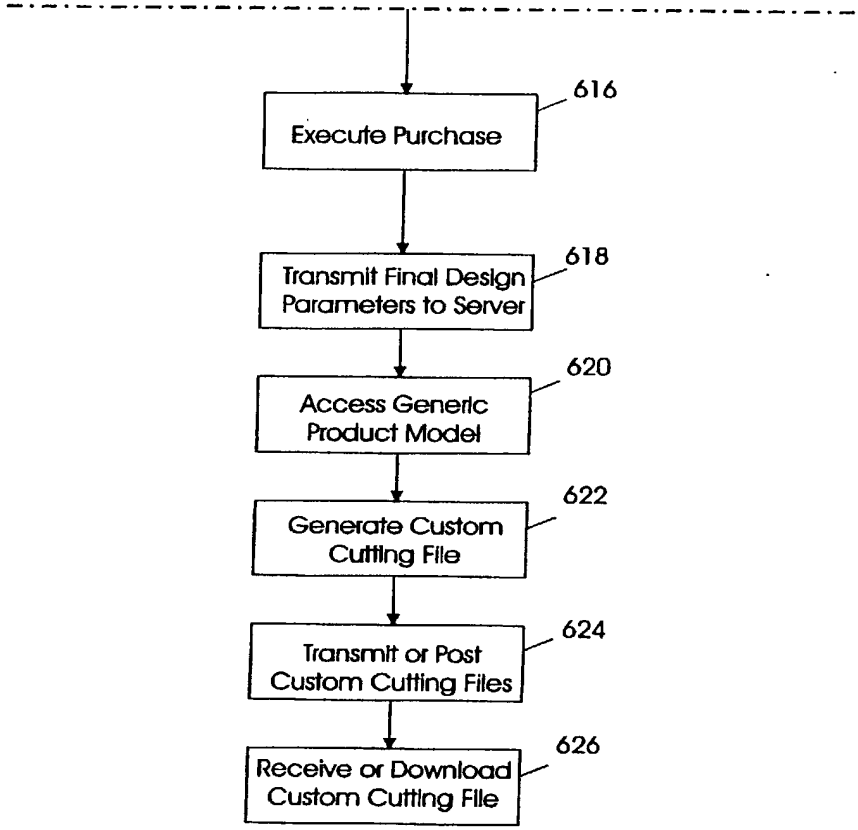
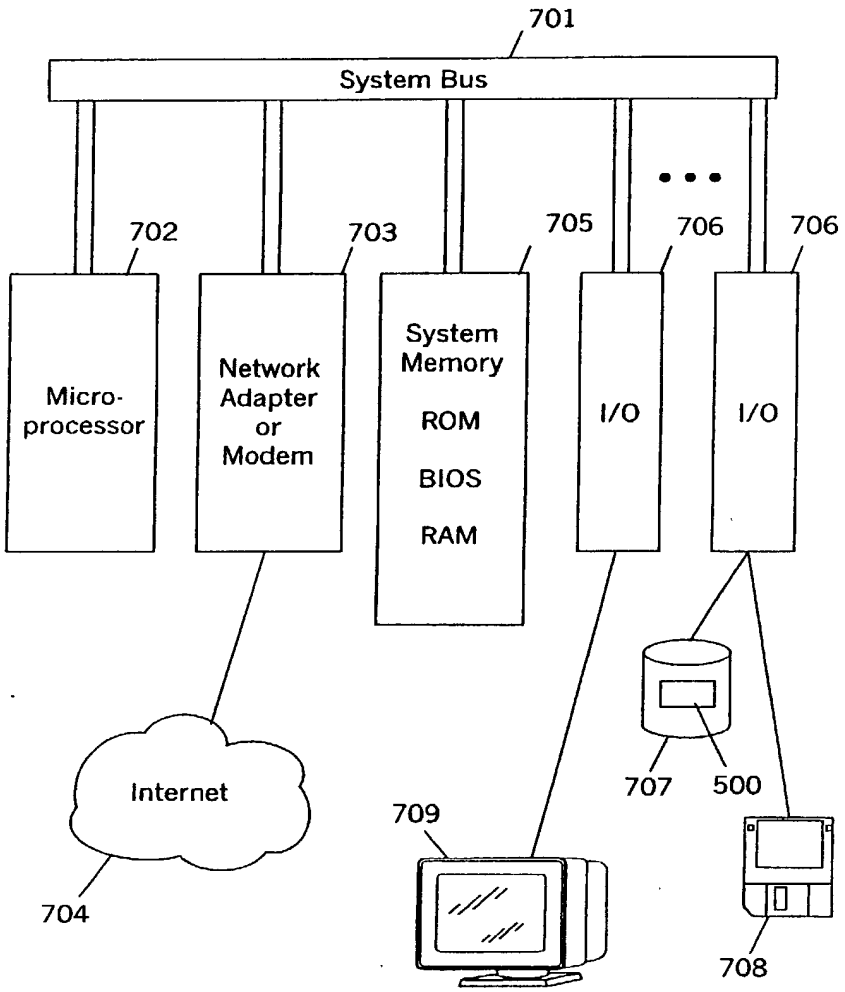

Execute Purchase
616
Transmit Final Design Parameters to Server
618
Access Generic Product Model
620
Generate Custom Cutting File
622
Transmit or Post Custom Cutting Files
624
Receive or Download Custom Cutting File
626

FIG. 6B

FIG. 7


701
System Bus
702
703
705
706
706
Micro-processor
Network Adapter or Modem
System Memory
ROM
BIOS
RAM
I/O
I/O
Internet
704
707
500
709
708